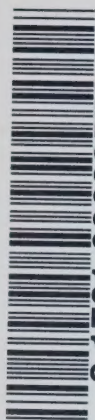


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THE
BULLETIN



ACADEMY
of
DENTISTRY



TORONTO

OCTOBER, 1934

Patients Like Specific Advice...

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Your patients logically and properly look to you for guidance on matters and products pertaining to mouth hygiene. When they say, "Doctor, what mouth wash do you prefer?" they will appreciate a specific answer.

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1934 - 1935

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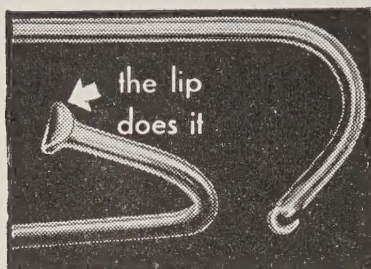
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Editorial	Dr. H. W. Hoag
Oral Hygiene	Dr. E. T. Guest
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Reception	Dr. F. L. Cole
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Indigent Clinic	Dr. W. J. Kerr

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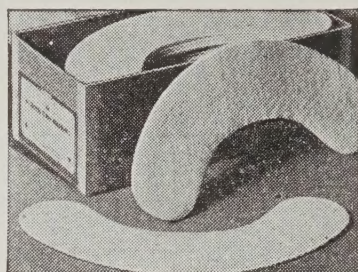
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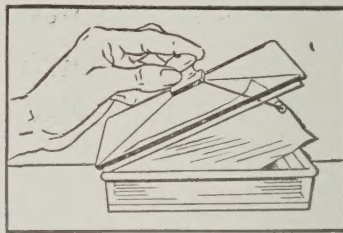
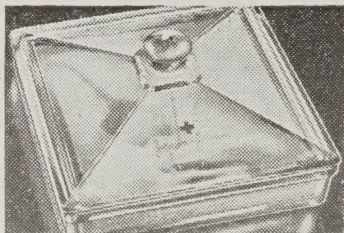
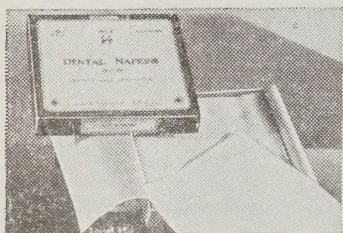
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DR. FRANK MARTIN
President

PRESIDENT'S MESSAGE

A new Academy year is at hand, with everybody enthusiastic. A genuine feeling of optimism seems to be pervading throughout professional and business life, as the cloak of depression is being slowly, but surely, cast off. Those who have entrenched themselves to weather the storms of adverse economic conditions, are emerging again to pursue their ambitions of an earlier day. The Academy Council, in presenting to you "The Bulletin," is making a new departure, and exhibiting an optimistic outlook for a "Bigger and Better" Academy.

Improvement, in the commercial world, has been in evidence for the past year, and is bound to continue. It is only logical, then to expect a reflected betterment in professional spheres. With this in view, your Academy Council is anxious to give you leadership by providing useful post-graduate clinics and instruction in modern Dental Art. We believe our study group programme was never just so good as it will be this year. In the pages of our bulletin we have endeavoured to provide you with an outline of each course. Study these carefully, and choose one or two, so that the stimulation of refreshing study will give you an impetus to greater things. It is my ambition, as your President, to see a goodly increase in the number of groups formed as well as in the number of men enrolled. I believe we are able to do better Dentistry as a result of association with each other in these informal courses of study, more than in any other way.

When our year closes, your President and Officers will feel fully repaid for their efforts if we hear the fellows say of us: "It surely is well worth while to be a member of the Academy." May I solicit the interest and co-operation of our profession in all the activities we undertake; the success of our Academy is always a reflection of your good will and helpfulness.

FRANK MARTIN.

SYNOPSIS OF PROGRAMME

September 28—Friday

Golf Tournament and Get-to-gether Dinner
Thornhill Golf Club

October 22—Monday

Annual Dinner Meeting
Royal York Hotel
Guest Speaker: Donald M. Gallie, D.D.S., F.A.C.D.

November 19—Monday

Past Presidents' Night
Guest Speaker: Dr. Boyd S. Gardner, Mayo Foundation

December 11—Tuesday

Children's Dentistry
Guest Speaker: Dr. Claude W. Bierman
Clinic—4.30-6 p.m. Lecture—8 p.m.

January 10—Thursday

Guest Speaker: Dr. L. W. Doxtater
Prosthetic Dentistry

January 24—Thursday

Annual Dinner Dance
Eaton Auditorium—Stanley St. John's Orchestra

February 19—Tuesday

President Elect's Night
Table Clinics, Demonstrations, etc.

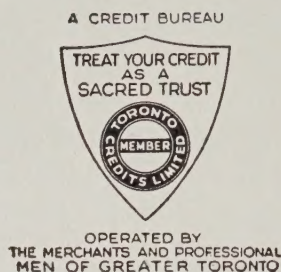
March 18—Monday

Montreal Night
Guest Speaker: Dr. D. P. Mowry

April 3—Wednesday

Oral Hygiene Night
Programme arranged by Oral Hygiene Committee

Note: Enlargement of these items on the programme will be found throughout the bulletin.



From an analysis made of professional accounts in different centres, it has been definitely ascertained that, "One-fifth of Dentists' incomes is lost to 'Dead Beats.' "

This loss can be substantially reduced by simply checking the previous paying habits of clients before your time and material are provided.

Ask your bureau for a File Report. It will cost only 50c, perhaps save you dollars.

We also maintain an efficient department for the collection of accounts.

SCHEDULE OF RATES

"No collection, no charge"

Accounts over \$10.00.....	25%
Accounts of \$10.00 and under.....	33 1/3%
Accounts of debtors who are not at the address given and whose whereabouts can only be ascertained through the employment of our Tracing Department.....	33 1/3%

We will be pleased to have a representative call and discuss our services, without obligation to you. Just telephone us.

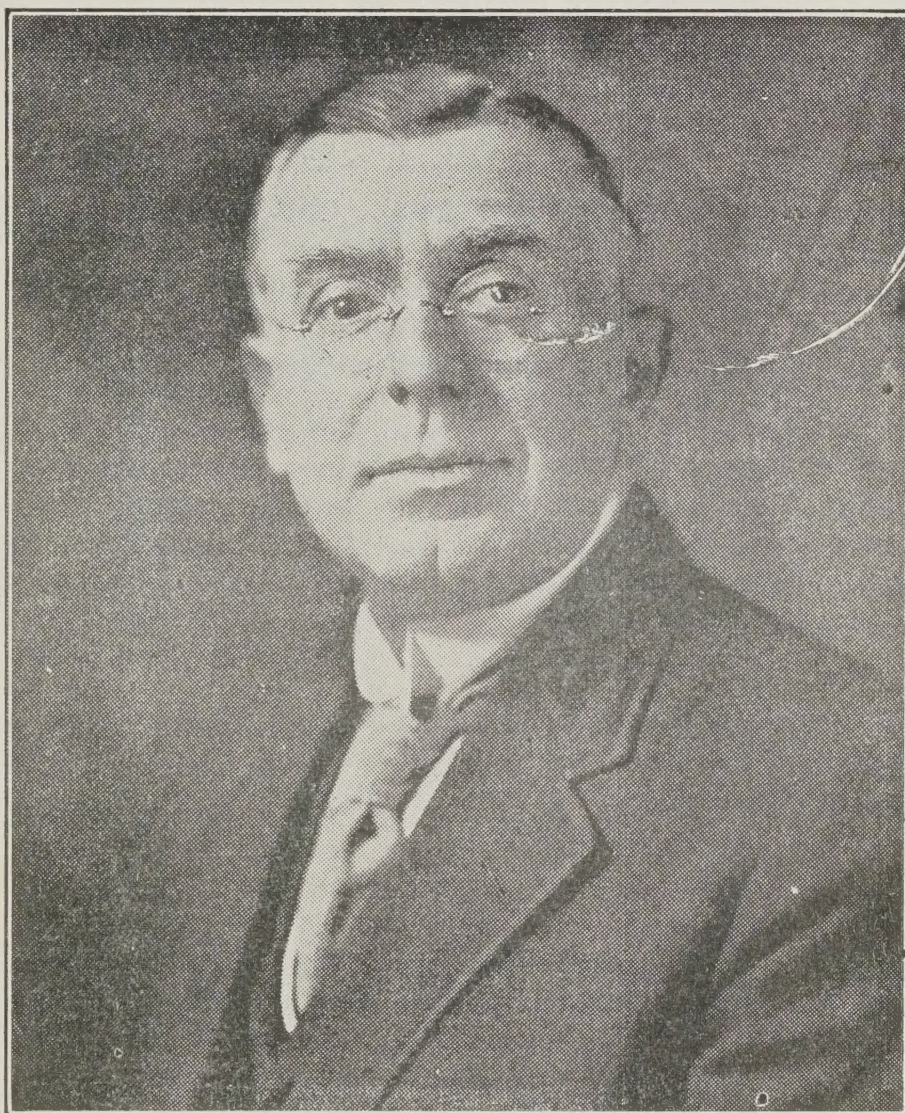
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200 BAY ST., TORONTO

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FIRST STATED MEETING
ANNUAL DINNER - ROYAL YORK HOTEL
MONDAY, OCTOBER 22, 1934

There are some men in every calling in life who, because of special endowment, high ambitions and a supreme desire to contribute in a large way to the advancement of their profession, have ranked high among their fellows. Such a man will be the guest speaker at the Opening Meeting of the Academy of Dentistry.



DONALD MACKAY GALLIE
D.D.S., F.A.C.D.

Continued on Page 9

DENTISTS COATS and TOWELS

**WE CAN supply your requirements
with the highest quality merchandise
at reasonable prices on a rental basis.**

NEW METHOD LAUNDRY CO., LTD.

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Dr. Donald MacKay Gallie received his early education and training in Canada and has a large circle of intimate friends in this country. His entire professional life has been spent in the United States, but his influence has been felt in all parts of the world. He is one of a group of Canadian-born dentists who have been honoured by being privileged to occupy the highest offices in the gift of their fellow members of the American Dental Association and to hold responsible positions on University faculties. His attractive personality, which is both dynamic and kindly, his loyalty to his friends and his whole-hearted devotion to dentistry have won for him such a high place in the love and esteem of his friends, that more than seven hundred of them gathered recently in Chicago to do him honour on the occasion of his retirement from active work on the Dental Faculty of the University of Chicago.

Doctor Gallie is a keen student of world affairs and a man who, as a result of ripe experience, accurate discernment and sound judgment, is in a position to properly evaluate the various forces at work in connection with this changing civilization and to offer to his fellow dentists advice that is timely and reliable.

SECRETARY'S REPORT FOR THE YEAR 1933-1934

(1) Our Opening Meeting was graced this year with the presence of Colonel The Honourable Herbert A. Bruce, Lieutenant-Governor of Ontario, as our distinguished guest speaker. This meeting was very worth while both for the members and for the Academy of Dentistry, because it led to the Academy of Dentistry being placed on the official list at Government House, and your President was honoured with an invitation to the State Dinner. I believe that this is the first time such recognition has been extended to Dentistry and we have been assured by Dr. Bruce that this honour will continue.

(2) The interchange of visits with the Montreal Clinic Club was continued and is proving to be of great value in promoting a finer feeling of good fellowship between the Fellows of the Academy of Dentistry and our confreres in Montreal.

(3) Through special arrangements made by your Executive, about forty members availed themselves of the opportunity of taking the Cameron Course and others who had already taken the Course were enabled to take reviews. We feel that this is a worth while contribution to better and higher standards of dental service.

(4) Those members who had the pleasure of listening to Dr. James Coupland, of Ottawa, on Past Presidents' Night, will agree that we do not have to import clinicians to have better meetings. Dr. Coupland gave an eloquent presentation on Radiodontia which was of exceptional practical value.

Answering Your Question

"WHAT CAN I SAFELY USE IN PLACE OF GOLD?"

Faced with the problem of providing material which the dentist could safely use . . . when economy demanded . . . in place of gold, the Williams Laboratories made a study of all practical metallic combinations. After months of research, *Paloy* was developed, ideal for all phases of dental work . . . inlays and prosthetics. Williams *Paloy* permits the use of your regular gold technique and requires no special materials. It is an attractive white-gold color. The *Paloy* series contains 84% to 92.5% precious metal. About $\frac{1}{4}$ lighter than gold, *Paloy* goes that much further and costs correspondingly less.

We recommend *Paloy* unhesitatingly. It is a high quality material, strong and resilient, and will not oxidize or discolor. Use it yourself . . . or specify it on your next laboratory order. Send for the new *Paloy* folder.

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A DEPENDABLE PRECIOUS METAL ALLOY

(5) The outstanding piece of research work, "The Effect of Vitamin D. in Dental Caries," done by four of our members: Dr. C. H. M. Williams, Dr. P. G. Anderson, Dr. C. Summerfeldt and Dr. H. Halderson, should receive honourable mention here, for it has aroused considerable interest throughout this continent.

(6) Our Second Annual Ladies' Night under the able direction of Dr. Willard Armstrong provided a hearty evening's entertainment and seems to be a desirable fixture on our yearly programme.

(7) President Elect's Night drew a splendid crowd and gave a wide variety of practical table clinics and demonstrations.

(8) In connection with Dr. Chappelle's visit, an innovation was made in that a two day course was put on for all Academy members. Those who were able to spare the time derived the utmost benefit from it and it is hoped that the procedure may be further developed in the future.

(9) Much important work has been done by the Committees of the Executive Council. I refer particularly to the Indigent Clinic, the Study Groups and the inauguration of a new set of books for the Treasurer, but as individual reports are being made on these, further mention of them here is not necessary. May I at this time say on behalf of the Executive Council that we will miss the worthy efforts of our energetic friend, Dr. Jack Lapp, who is retiring from the job he handled so ably as Chairman of the Editorial Committee. Dr. Lapp built this office up to a very high standard of efficiency and has our commendations.

While Dr. Tom Marshall is officially our retiring Past President this year, we feel that his influence on the Academy in the past few years ties him to the Executive so closely that we may still have the benefit of his counsel next year, at least on occasions.

To Dr. Ed. Grant, our enthusiastic President, for whom your Executive have always found it a pleasure to work, we can promise to him plenty of scope for his energies next year and to you that the jobs assigned to him will be, as usual, well done.

DENTAL NURSE TURNS HAND TO EVERYTHING

Her Job Ranges from Office Girl to Collection Agent and Anaesthetist

The efficient Dental Nurse is not only the dentist's assistant, but she is also his bookkeeper, his banking clerk and his booking agent; photographer by developing his X-ray films; filing clerk in keeping records of all his patients and their work; and office girl in answering the telephone and making the appointments.

She must know the art of sterilizing the instruments the dentist uses, and must be capable of helping in the administration of anaesthetics. And last but not least, in her spare moments, she must take on the duties of collection agent. This phase of her work, handled diplomatically, would be a great asset to the dentist. Can you afford to be without a Dental Nurse?

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A REMARKABLE CEMENT



It is different from other cements; its translucence and silicate-like nature put it in a class by itself.

It is strong, has remarkable retention, great resistance to abrasion and to oral fluids. In fact, saliva seems to augment its strength and hardness. In 24 hours it will develop a compressive strength of 16,500 lbs. per square inch and 19,000 lbs. per square inch in six months' time.

Your Dealer Has

KRYPTEX GERMICIDAL KRYPTEX MODEL KRYPTEX

use **KRYPTEX** for cementing fixed pieces, and for ceramic restorations, and for fillings in permanent posteriors where ample bulk and marginal support are provided.

use **GERMICIDAL KRYPTEX** for fillings in deciduous teeth, under orthodontic bands always, and for any location where a germicidal cement is desired.

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affords models that can be used within one hour.

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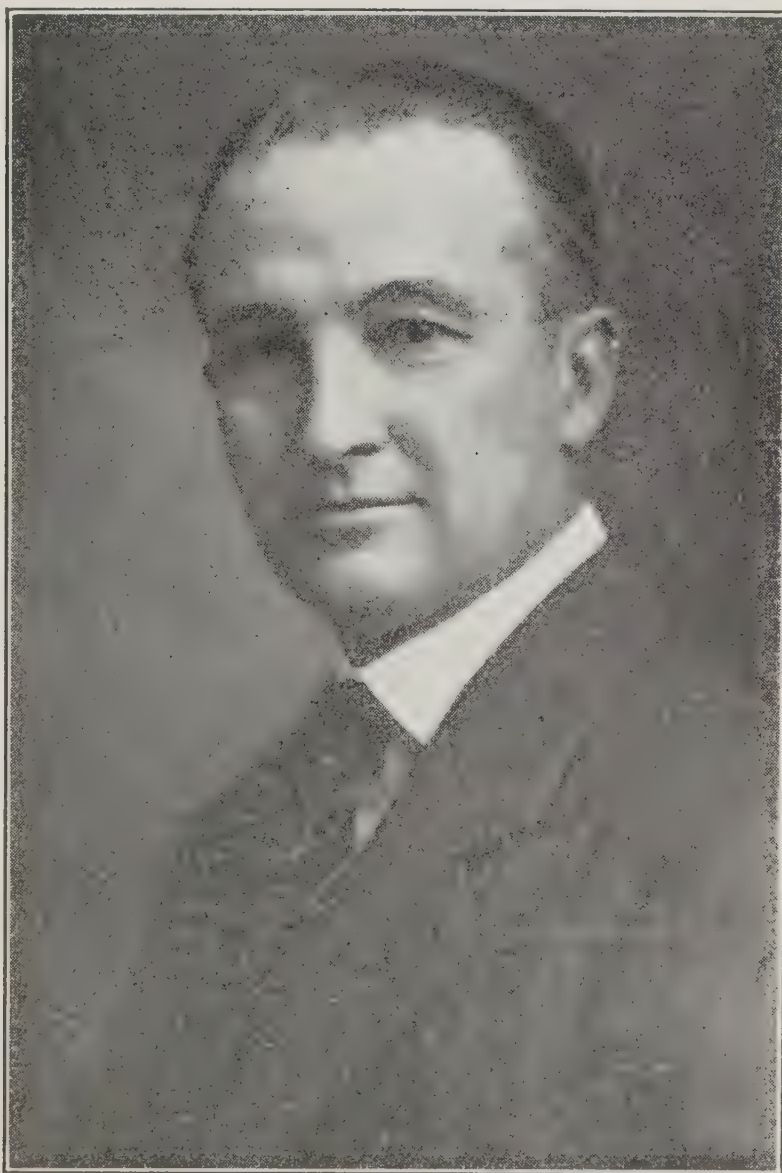
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THE ACADEMY OF DENTISTRY, TORONTO

Twelve Years of History and High-lights

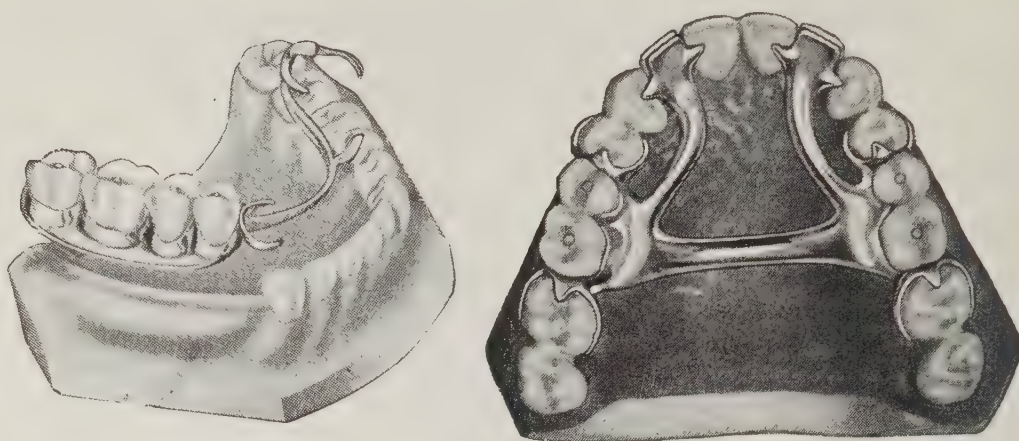
(By T. E. C. Butler, D.D.S., L.D.S.)

The Toronto Dental Society was organized in 1889 and enjoyed an honorable and useful life until 1922. On May 8th, 1922, a group of forward-looking dentists, with the best interests of the profession in Toronto at heart, and with the avowed intention of embracing the members of all existing dental societies and all other practitioners in the city in one organization, called a meeting of city dentists, and the Academy of Dentistry, Toronto, was formed.



DR. R. G. McLEAN

President 1922-23



A NEW ERA

. . . materials for dental restorations reach a high point in the modern practice of to-day.

A SOLUTION TO THIS PROBLEM

We have made up sets of demonstration cases in these new materials, at reasonable and graded prices.

In the modern practice there is a place for demonstration models, which affords a definitely higher type of service to your patients, who are in trend with the modern times.

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In this type of service to your patient, please phone, and we will be pleased to have our Mr. Allen call in to see you.

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The fundamental purposes of the Academy were laid down as: Advancement of the Art and Science of Dentistry. Professional improvement. Cultivation of harmony and good-fellowship among its Fellows. The establishment of a library and the fulfilling of the obligations of Dentistry in relation to the public.

A fine tribute to the value of the contribution the Toronto Dental Society had made to the profession and the community during its more than thirty years of fruitful life was paid in one of the minutes of the first general meeting of the Academy. "That the history of Dentistry in Toronto, as contained in the records of the Toronto Dental Society, be obtained by a committee appointed by the President."

So passed on our good old Toronto Dental Society, may its soul rest in peace; so was born our Academy of Dentistry, long may it thrive in its present wholesome, vigorous health.

It is interesting to record that one of our distinguished Fellows, in the person of Dr. A. J. McDonagh, has been in continuous membership in the Toronto Dental Society and the Academy since 1899, and that Dr. W. E. Willmott is, in this respect, just one year behind.



DR. J. A. BOTHWELL

President 1923-24

NOW IN 2 ADULT SIZES

same quality - same price 50c

This new SMALL-type for adults is offered in response to numerous requests for a genuine pro-phy-lac-tic quality tooth brush with a smaller head than the Regular-size. The smaller brush has exactly the same number and quality of bristles but they are grouped more compactly. The head is $\frac{1}{4}$ inch shorter. Bristles are fastened by the patented Perma-Grip method — they can't come out!

*(Note: While our patented Perma-Grip process prevents bristles from coming out of the handle, nothing now known will prevent bristles from occasionally *breaking off outside the handle*. We firmly believe this happens far less frequently in our brushes, due to our patented process, than in any others).

Pro-phy-lac-tic Brush Co.
(Canada) Limited
Toronto, Ont.



Both made under
PERMA-GRIP PATENT
Bristles can't come out.

Pro-phy-lac-tic

PERMA GRIP

With profound regret, but in memories that continue to remain fragrant after all the years since they were with us, I record the passing of five of our Fellows who were active in the early years of the Academy's life. Dr. R. G. McLaughlin, Dr. F. R. Mallory, Dr. G. G. Hume, Dr. A. Day and Dr. A. S. Thomson have gone on, but they can never be forgotten by those who, by knowing them, had come to respect them, and, what is more vital, to love them. Of them it can truly be said that "death supplies the oil for the inextinguishable lamp of life." Their lights shine on.

The Academy has done honor to itself and to two of its outstanding Fellows by presenting honorary life memberships to Dr. A. E. Webster and Dr. W. E. Willmott. Long may they live to grace our meetings and give us continued counsel. They are securely among our well-beloved.

Dr. H. G. Robb, President 1926-27, made a distinctly constructive contribution to the future success of the Academy by effecting a change in the constitution whereby the city is divided into geographical electoral districts, with one member of the executive elected from each district.

In 1931, the President, Dr. J. W. McDonald, made a graceful gesture to the Past Presidents by presenting them with Past President's badges in recognition of their having held that office. Dr. A. E. Webster made the presentations in his own inimitable way.



DR. R. S. WOOLLATT
President 1927-28

COMPONENT PARTS OF LOCAL ANESTHETIC

PART	FUNCTION	REMARKS
NOVOCAIN	The drug which produces anesthesia.	*Novocain represents the purest form of Procaine Hydrochloride produced.
BASE	Acts as a vehicle or carrying agent. It carries the Novocain to the nerve trunk.	It is the base that establishes isotonicity.

NOTE: Novocain and the base make a plain Novocain solution. However, because of the absence of a vaso-constrictor, the anesthesia begins to wear off in about 10 minutes.

EPINEPHRINE Used in Cook Solutions "A" and "AB" and Waite Solutions 2 and 4, and in all other anesthetics except N.C. 336.	Vaso-constrictor or prolonging agent. Retards blood flow and holds Novocain in contact with nerve tissue for a prolonged period.	Epinephrine, in the quantities used in local anesthetics is a safe drug under normal conditions. However, in certain cases it causes an abnormal heart action, tremor, pallor, perspiration, and sometimes collapse. Even normally healthy cases sometimes experience these reactions, but especially cases with heart lesions, hyperthyroidism, high blood pressure, etc.
COBEFRIN	The new vaso-constrictor used only in Cook and Waite N.C. 336. Cobefrin is not epinephrine, but is a new product, the chemical name of which is dihydroxy-phenylamino-propanol.	†Cobefrin causes no systemic reaction and offers a wonderful assurance to the operator in those cases where epinephrine is contraindicated. Cobefrin permits slightly freer blood flow, thus aiding healing.

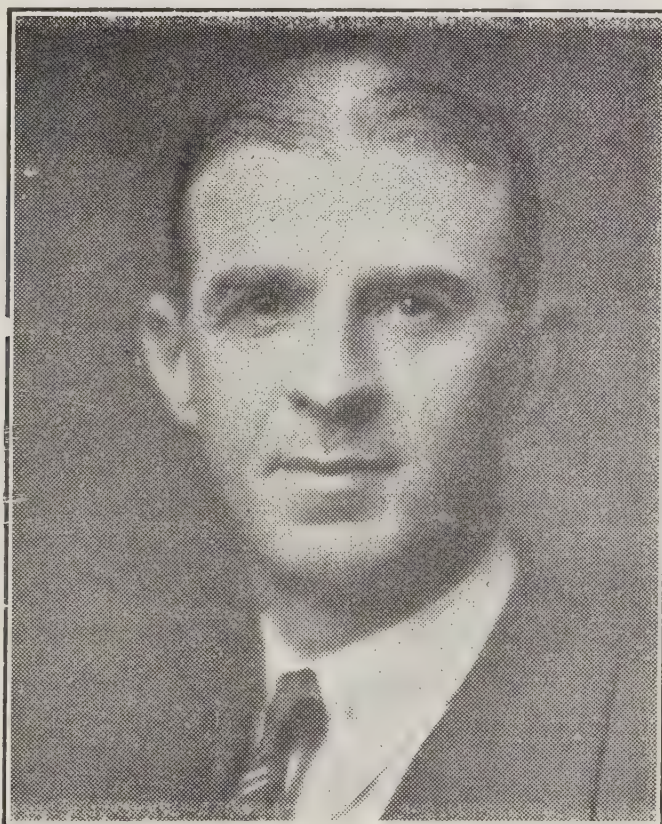
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In 1933, the President, Dr. T. R. Marshall, paid another tribute to the past presiding officers by originating "Past Presidents' Night", which promises to be continued from year to year. At this meeting the Past Presidents are made responsible for the program.

In 1929-30, successful steps were taken to rehabilitate the Oral Hygiene Committee, which had faltered a bit in its functioning. In 1930-31, with Dr. E. C. Veitch as President, under the chairmanship of Dr. E. A. Grant, with Dr. E. T. Guest as secretary, this committee proceeded on its way to become again one of the most important working bodies within the Academy. Great credit is due to our Oral Hygiene Committee.

In 1932-33, under Dr. T. R. Marshall's presidency, the Ladies' Auxiliary was formed for the purpose of interesting our ladies in the work of the Academy, and enlisting their co-operation and assistance, which they have given most heartily and generously. I am sure that every Fellow would like to join me in this expression of sincere appreciation of the interest our Ladies' Auxiliary is taking in the work and the social life of the Academy.



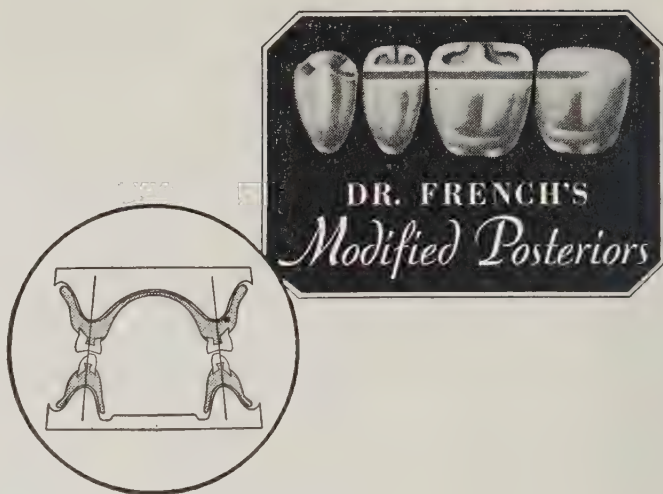
DR. W. B. T. AMY

President 1928-29

Continued on Page 44

CASE REPORTS

*One Doctor tells about
several of his many
similar experiences
with Dr. French's
Modified
Posteriors*



CASE No. 1—Mrs. L.—Commented of her own accord on the facility with which she can masticate. There was very little soreness under the lower denture although it has an exceedingly unfavorable gum. No soreness at all in the upper.

CASE No. 2—Mrs. Sh.—Has a plus 35 condilar inclination on the right side and a minus 5 on the left. The case is entirely satisfactory, having required only two slight adjustments of sore spots.
(Doctor's Name and Address on Request.)

IN MOST CASES DR. FRENCH'S MODIFIED POSTERIORES ARE COMPLETELY SATISFACTORY WITH VERY FEW ADJUSTMENTS

You will find that balanced occlusion can be obtained easily. The teeth are easy running and won't lock or trip. They are so designed that the normal settling of the denture doesn't disturb articulation. They are provided with sharp cutting edges and ample food escapes. The uppers and lowers are definitely related. And they resemble natural teeth just as closely as it is practical to resemble them.

WRITE FOR Specify Dr. French's Modified Posteriors
FREE BOOKLET on your next case.

Sold by

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*For the finest esthetic and functional results, use Dr. French's
Modified Posteriors with Nuform Anteriors*

Monday, November 19

Past Presidents' Night

On this occasion we follow a precedent established about two years ago, in setting aside a special night on which to honour our Past Presidents. The meeting will be in charge of Dr. E. A. Grant, who will be assisted by other Past Presidents.

Guest Speaker

Dr. BOYD S. GARDNER

Chief of Staff, Dental Department, Mayo Foundation

We are very fortunate in securing Dr. Gardner to present a paper to our Academy. Dr. Gardner is one of the most outstanding men in the field of Oral Surgery. We are greatly indebted to the Mayo Foundation for the sacrifice of his time from his many activities at Rochester. The title of his talk will be—"The Role of Mineral Metabolism in the Practice of Dentistry." Dr. Gardner will refer to the relationship between mineral metabolism and the surgical aspect. His talk will be illustrated by means of lantern slides and blackboard.

OUR ADVERTISERS

The "Bulletin" of the Academy of Dentistry, Toronto, makes its bow for the first time, and comes into the office of every dentist in Toronto and district. The officers of the Academy hope you will welcome it and read its pages. Its publication has been made possible by the courtesy of the advertisers. See who they are. They are deserving of your goodwill and patronage. Usually the solicitation of advertising is an unpleasant task; not so in this case. Each and every one, without exception, is keenly interested in the progress of our organization, to our mutual benefit. If you need something they have—Buy it from our advertisers.

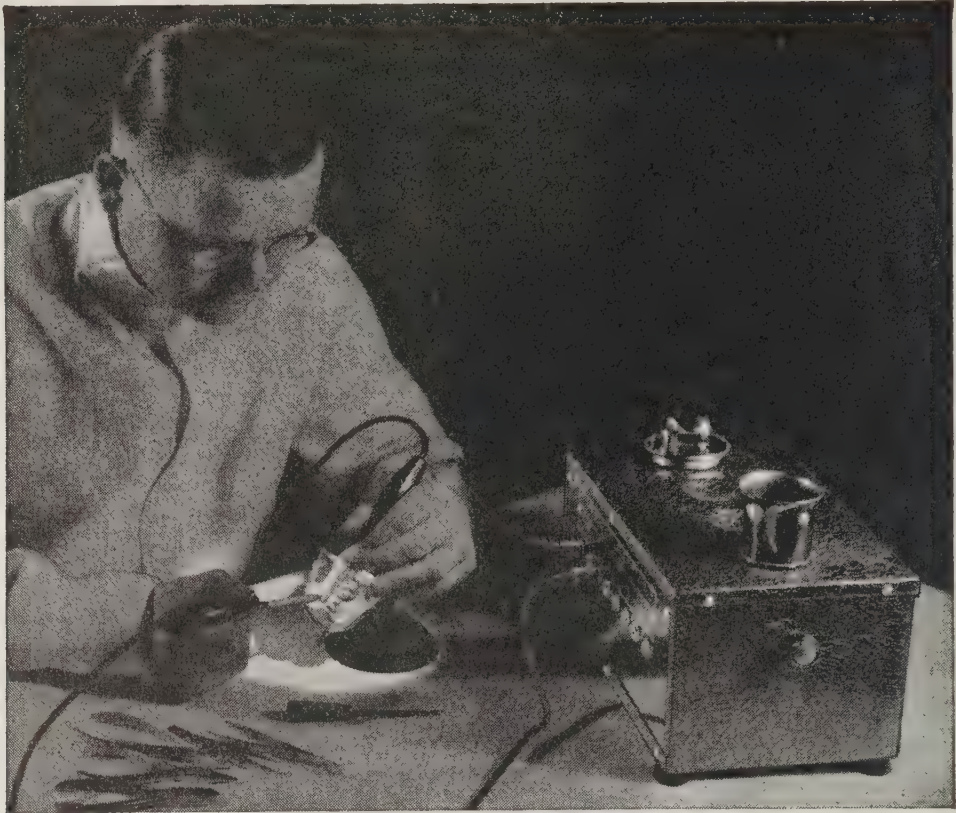
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H. W. HOAG—Editor.

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Tuco is not just another electric soldering machine. Tuco is the original and complete Electric Soldering-Welding Technique developed after years of research for Prosthetics and Orthodontia. Its many features, applications and uses are fully covered by Patents Pending.

The perfected Model-Holder is in reality the heart of Tuco Technique . . . with its swivelling and tilting table, the model can be held in any desired position for assembling or solder-welding the appliance. This Model-Holder is an exclusive Tuco product.

Special carbon clamps and tweezers are provided for use in the free-hand method of Orthodontia. Tuco flux, carbons and phosphor-bronze points are also included—each one of them playing important parts in the Tuco Technique.

A Foot Switch controls every function, and the machine can not run or consume current when not in actual operation. Although the heats provided range thousands of degrees in temperature, they are under instant and absolute control at all times . . . a very, very necessary condition and, incidentally, another Tuco feature.

THE PERFECT TECHNIQUE

Here is an example of modern miracles being performed daily since the introduction of Tuco Technique. Imagine a doctor in his laboratory holding a lingual bar case . . . a clasp is broken off at the vulcanite. His out-of-town patient waits for the appliance to be repaired. If a torch is used, the patient will have to stay over for a day or go home without the denture. *In the twinkling of an eye, with the Tuco Technique, a perfect repair job was made and the denture restored to the patient's mouth.*

"Unbelievable," you say . . . yet that is only one of many things Tuco has accomplished which will convince you there is, indeed:

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STUDY GROUPS

Never before has the dental profession stood on a higher plane than to-day; never before has the dentist had the opportunities he has to-day of giving such a complete health service to his patients; and never before has he, I believe, felt that to such a great extent upon his judgment, his skill and his professional knowledge hinge issues of vital importance.

Members of the profession have been through trying times, but no more certain way of achieving success is open to the individual dentist than keeping well abreast of the advances in dental practice.

The practice of dentistry is of a confining character and its demands are many and varied; as a result good resolutions to keep up with the progress of the profession are broken and forgotten. There comes a time when every member feels the need and the urge of further study, of association with his fellow dentists and of the benefit of other men's experience and knowledge. To achieve these desires, to make your daily work more pleasant, more efficient, and your association with your fellow dentists more enjoyable, is the aim of your Executive in organizing Study Group Courses for this year.

In conclusion I respectfully invite you to join one or more of the groups and sincerely hope you may find it profitable and enjoyable. The outlines that follow are merely suggestions and it rests entirely with the different groups whether they desire to follow them.

Dr. HARVEY REID, Chairman.

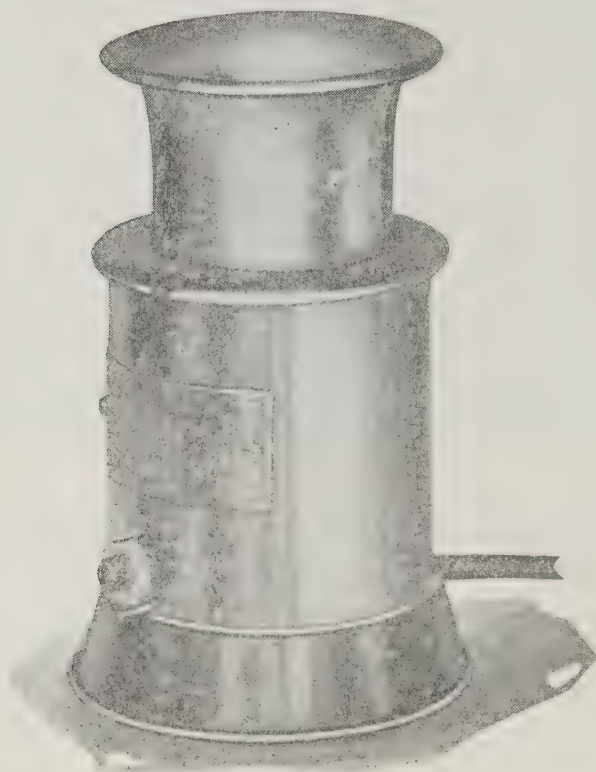
Study Groups—

- (1) Ten or more members are required to form a group.
- (2) A fee of \$4.00 is payable to the treasurer of the Academy on the formation of the group.
- (3) All clinicians must be acceptable to the Academy Council.
- (4) Each member of a group must be a member of the Academy.
- (5) Each group shall elect a chairman and secretary and decide:—

1. Whether they shall hold an Intensified Course of one or two days.
2. Whether they shall hold Evening Sessions at stated intervals.
3. Whether they shall have a Course conducted by one clinician.
4. Whether they shall have a course conducted by several clinicians.

Continued on Page 35

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ORAL HYGIENE REPORT

The President and Members of the Academy of Dentistry.
Fellows:—

Your Oral Hygiene Committee beg to present their report for the season of 1933-1934.

The Oral Hygiene Committee continued their work this season, under the chairmanship of Dr. Edmund T. Guest. The Committee was composed of the following members:—Dr. E. T. Guest (Chairman), Drs. E. A. Grant, J. A. Butler, J. C. Livett, J. G. Pilkey, Harvey Reid, L. J. Saunders, W. S. Madill, H. R. Skilling (Secretary).

The Committee held six meetings during the year.

The aims and objects of the Oral Hygiene Committee are to devise and foster means whereby the public can be educated to a greater extent in the matter of Dental health. In former years attempts were made to reach industrial groups, home and school clubs, church societies, service clubs and lodges, to whom health talks were given, illustrated wherever possible by means of slides and moving pictures.

This year our efforts have been centralized chiefly upon trying to reach parents through their children. Each child examined at school was given a card to take home (in addition to that denoting his own defects), informing the parent that children of pre-school age should not be neglected, but receive adequate examination and treatment where necessary, and exhorting them to take their children to the family dentist, for such examination and treatment. Approximately eighty thousand of these cards were distributed.

In order to stimulate school children to look after their teeth, and in this way to stir up interest among teachers and parents, framed certificates were designed and printed, to be presented to each classroom, where all pupils could present themselves in a perfectly healthy condition within thirty days after examination. The Committee desires to thank the Public Dental Health Officers for their splendid co-operation in this matter. While this arrangement had been in effect for only a short time, some sixty classrooms have been declared to be one hundred per cent.; some of them in districts where they would be least expected. A good deal of time was given to this phase of the work, but the interest aroused has proved to be well worth the efforts put into it.

In addition to the one hundred per cent. certificates, an Honour roll is given each classroom, upon which is inscribed the name of each pupil when he attains a one hundred per cent. mouth condition. These certificates and honour rolls are presented to the rooms obtaining them at suitable occasions, in a manner that will impress upon the children the desirability of striving for dental health.

TUESDAY, DECEMBER 11

2nd Stated Meeting

Our Academy is fortunate indeed to have Dr. Claude W. Bierman, of Minneapolis, Minnesota, as our guest essayist and clinician for this meeting. In the department of pediadontia, perhaps there is no greater authority or more successful practitioner. Dr. Bierman has kindly consented to clinic in the afternoon, at 4.30 o'clock, and in the evening, at 8 p.m., he will present a paper.



Dr. Bierman

Dr. Bierman writes:—"The afternoon session will consist of a lecture on 'Fundamental Principles in Children's Dentistry'. This lecture will be followed by the showing of slides taken from cases in my practice, and then I will show and explain models of space retainers, bridges, inlays, etc. The afternoon will be devoted to practical dentistry for children with the thought in mind of really helping the child with the problems relating to the deciduous dentition.

"The caption of my evening lecture is 'Are we practising Age dentistry?' It is time that we awaken ourselves to the possibilities of Children's Dentistry and to intelligently combat the untrue stories about Age dentistry for children.'

The evening session of the meeting will be conducted by the Lady Members of our Academy.

REPORT OF ACADEMY CLINIC FOR INDIGENT PATIENTS

Mr. President:—

At your request, the writer begs to present to you a report of what has been done by your Council with respect to Dental Service for needy citizens. If I should begin to give detail of all that has transpired during the year, I feel quite sure you would be bored, and perhaps wonder why your committee continued and persisted in their efforts. It is true, oftentimes we were discouraged, but one of the prime objectives of our association is to carry Dental Service to the people. No one can attend the Dental Health of our people but dentists, and so it has been the privilege of your committee to carry on negotiations to enlarge the available Dental Service to people in distressed circumstances. I am happy to say to you that I believe these negotiations have resulted in a happy arrangement between the Profession of Dentistry and the City of Toronto. Both contingent parties, while led by your committee, have met the problem in a spirit of co-operation.

In January last a special meeting of this Academy was called to consider and endorse the plan which had been presented to the Board of Control of our city, and gave promise of acceptance. This plan is as follows:—

1. Any indigent person requiring Dental Service may be recommended to the Clinic by the Department of Welfare.
2. The Clinic to be housed and equipped entirely at the city's expense.
3. A Full-time Dentist and Dental Nurse to be placed on the pay roll of the city and to be in charge of the Clinic.
4. The Conduct of the Clinic to be supervised by a committee upon which City and Academy are equally represented.
5. The Clinic to consist of two operating units, one to be used by the dentist in charge, the other for use of the volunteer assistance from the profession.
6. Patients requiring Denture Service are to be referred to private offices of dentists who are willing to accept such cases. The city will pay \$10.00 per denture to the dentist to assist in defraying his expenses in connection with the service. Special arrangements as to teeth and laboratory charges will be made, but in all cases these must be paid by the dentist out of the \$10.00 paid him.
7. The City and Academy agree to limit the number of dentures to 25 in any one month.
8. The Academy agrees to supply volunteers from the profession to keep one chair in the Clinic in continuous operation, except during the months of July and August.

PAST PRESIDENT'S



DR. A. DAY
President 1924-25



DR. W. G. L. SPAULDING
President 1925-26



DR. H. G. ROBB
President 1926-27



DR. J. W. McDONALD
President 1931-32



DR. T. R. MARSHALL
President 1932-33

This plan was commended and endorsed by the special meeting mentioned above, and your committee were instructed to complete arrangements if possible, in co-operation with the Department of Health of the City of Toronto.

Acting on this recommendation, your committee conferred with Dr. Grant, Dental Officer of the Department of Health, and prepared estimates of cost to establish the Dental Clinic, and to carry on for the balance of the year 1934. In due course these were submitted to the Board of Control, together with the plan referred to. The Board of Control referred the matter to a committee of Mr. Laver, Department of Welfare, and Dr. Jackson, Department of Health, with the request that they ascertain what portion of the expense the Ontario Government would assume, and to make further report back. This was duly done, the Minister of Health of the Province of Ontario refusing any support in the scheme. When Mr. Laver and Dr. Jackson reported this to the Board, on suggestion of Mayor Stewart, who at all times was quite sympathetic to the scheme, they referred the matter back to the Government again for reconsideration.

In the meantime the Academy Council appointed a committee of Dr. T. R. Marshall, Dr. Frank Martin and Dr. J. S. Lapp, to wait on the Dental Advisory Committee of the Ontario Department of Health, and make representations that Toronto be given equal privileges with other portions of Ontario in respect to Dental Relief, namely:—The province to pay for (1) relief of pain (extractions, and (2) repair of dentures. This Dental Advisory Committee to the Ontario Government concurred in the request and recommended to the Hon. Dr. J. A. Robb that the Government extend prevailing scheme of Dental Relief to include the large cities of Ontario. This recommendation was favourably received and request granted.

Your committee then waited on his Worship Mayor Stewart and Board of Control, reporting their success, and further stating the plan of the Academy as an essential supplementary health service. After due consideration, the plan having been recommended by both Mr. Laver and Dr. Jackson, the plan was given effect.

The Department of Health proceeded with the organization of the Clinic, under the direction of Dr. Grant and the Academy Committee. The Ladies' Auxiliary voted \$200 as a fund to buy supplies as needed, and on May 25th of this year the Clinic opened. Dr. Reid, the Clinic officer, made the following report of operations as of September 7th:—

Number of new patients presenting	1,835
Number of patients referred to private dentists for extractions and repairs to dentures	769
Total patients' attendance for treatment	2,374
Average daily patients' attendance	40
Number of dentures constructed by private dentists and paid for by the city	79

Number of dentures to be constructed during the balance of this year by private dentists in their turn -----	221
(City Council voted further grant of \$1,000 to make this possible).	
Number of dentures required for patients referred to Clinic by Welfare Bureau -----	1,381

I believe that all will agree that this is a most worth while venture, one of leadership on the part of the Profession, and of co-operation on the part of our city authorities. May I, on behalf of the Academy Officers, and particularly on behalf of the committee entrusted with the supervision of this work, solicit the support and co-operation of all dentists in our fair city. If you are willing to give some assistance, whether an Academy member or not, make known your desires to Dr. S. S. Crouch, Secretary of the Academy, or Dr. W. J. Kerr, Chairman of Clinic Committee.

Respectively submitted,
T. R. MARSHALL.

ANAESTHESIA

In the maxillary teeth from central to second bicuspid, pulp anaesthesia is usually obtained very easily by supraperiosteal novocaine anaesthesia. In the molar region a tuberosity injection is very satisfactory. For mandibular molars and bicuspids a mandibular injection anaesthetizes the pulp in the chambers and partially in the canals, but in attempting to anaesthetize the pulps of lower molars by a mandibular injection, the pulp near the end of the canals is usually too sensitive to handle, and the anaesthesia has to be supplemented by cocaine pressure.

In using novocaine injections for pulp removal, carry a fine, smooth broach to the end of all roots to test the anaesthesia before removing the pulp from the chamber. If the anaesthesia in the canals is not complete and the pulp has been removed from the chamber, it is frequently difficult to get effective anaesthesia by cocaine pressure. If, however, the pulp is still in the chamber, it acts as a feeder of the cocaine to the canals and makes the pressure anaesthesia very easy, with no sensation whatever.

If a small filament of lively pulp remains in the root it is frequently possible to desensitize it by using a solution of equal parts phenol and chloroform, with pressure as in using cocaine, and frequently more easily than with cocaine.

The multi-rooted tooth with the pulp in one root vital and the others infected presents a problem which requires time to overcome. The infection in the infected canals should be cleared up before any pressure is used on the vital pulp, and it frequently happens that the type of dressing used in the infected region causes pain from the vital pulp in the other canal. In this type of case a novocaine injection should be used to remove the vital section of pulp.

THIRD STATED MEETING

Thursday, January 10th

Dr. L. W. Doxtater, of New York, the well-known author and authority on Prosthetic Dentistry, has been secured to address the Academy. The title of his talk will be "Full and Partial Denture Prosthesis". The lecture will be illustrated by lantern slides, and will include impression technique, the proper set-up and alignment of the teeth, arrangement and staining for esthetics, technique for rebasing dentures, a simplified method of denture construction and various types of partial restorations.

No doubt many Fellows of our Academy have read numerous articles by Dr. Doxtater in dental journals as well as his book, and will welcome this opportunity of meeting in person this very eminent teacher.

Note: At this meeting, two scrutineers will be appointed after nomination by the Council.

They had not seen each other for eighteen months.

Bill, the shorter of the two, asked "How's the world treating you these days?"

"Rotten," was the reply. "People are becoming too distrustful. I haven't had a penny in my pocket for a week. I go up to a fellow who looks likely, and ask him if he could give me the price of a meal. What does he do? Instead of slipping a coin into me hand, he takes me round to a cafe and watches me eat a meal."

"What are you growling about, then?" asked Bill, "if you get meals you can't complain."

"Can't I!" replied the other, "I've had nine meals to-day!"

Mrs. Jones found Mrs. Smith, wife of the aviator, in tears.

"What's the matter, dear?" she asked anxiously.

"I'm worrying about Harold," said Mrs. Smith. Harold was her hubby.

"He's been trying for a week to lose our cat, and as a last resort he took her up in his plane this morning. He said he would take her up three thousand feet and drop her over the side."

"Well, what is there to worry about?"

"Lots. Harold isn't home yet, and the cat is."



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MONTREAL

THIRD ANNUAL LADIES' NIGHT

EATON AUDITORIUM

Thursday, January 24th, 1935.

Ladies' Night Only

“And the night will be filled with music
And the cares that infest the day
Shall fold their tents like the Arabs
And as silently steal away.”

—Longfellow.

Gentlemen:

We, again, honour our ladies, and what an evening this will be. The occasion is of course a Dinner Dance and your Executive feel that the setting and atmosphere at the Eaton Auditorium lends itself admirably for our purpose.

You will be entertained at dinner in the Round Room, where we will provide tables to accomodate your party. The music will be under the direction of Mr. Stanley St. John, and the novelties which he presents will be interesting. For those who do not care to dance, tables will be set up for bridge and a generous list of prizes is being provided.

This is an occasion for members and friends of the Academy of Dentistry to spend a merry evening. Make your parties up early and help your committee to make this function a real success.

K. R. HARRIS, Chairman,

Ladies' Night Committee.

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Periodontia—

The Academy Study Group course in periodontology is designed to incorporate a maximum of practical demonstration with a minimum of verbal or theoretical teaching. Special attention is given to demonstrating the treatment of cases of such nature as the general practitioner might easily undertake in routine practice. Actual clinical cases are used for demonstration and the progress of healing may be observed from week to week.

The course is divided into the following main phases.

(1) Examination—Diagnosis and Prognosis.

Practical demonstrations of examination and charting, diagnosis, case-management planning, prognosis.

(2) Scaling (Two periods)—

Study of calculus.
Choice of scalers.
Sharpening scalers.
Clinical technique.

(3) Occlusion (Two periods)—

Factors involved.
Methods of correction.
Clinical demonstration.

(4) Oral Hygiene—

Tooth brush, floss, picks, etc.
Dentrifices.
Mouth washes.
Patient instruction.

(5) Periodontal Pocket Surgery (Two periods)—

Common types of surgery.
Choice of type.
Clinical demonstrations.

(6) Necrotic Gingivitis (Trench Mouth)—

Diagnosis.
Choice of treatment.
Clinical demonstration.

Oral Surgery—

Instruction in this group will be made as practical as possible and applicable to the dentist in general practice. Where possible and practical actual operations will be done by each member of the group.

IS A DIRECT SAVING OF 40% OF INTEREST TO YOU?

Orthoform Teeth not only offer you every feature you demand in the most expensive brands, but also save 40% in cost.

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2. Comprise a wide range of square, tapering and ovoid moulds and some of exceptional beauty.
3. Porcelain of great density and strength with perfect grinding and polishing qualities.
4. Soldered in GOLD CLAD PINS.
5. Posteriors comprise latest features for easy articulation.
6. Then the PRICE BEING 40% LOWER for comparable qualities, should at least permit us to furnish you with **one only** sample twenty-eight at \$2.50

Send any quality tooth mould and shade reference and we can match it.

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PRESIDENT ELECT'S NIGHT

Tuesday, February 19th

Our Annual Clinic Night falls on the 19th of February and we will have an interesting array of table clinics, demonstrations and short lectures by the fellows of the Academy of Dentistry.

This is the most informal meeting of the year and it is your privilege to get many helpful hints in all phases of Dentistry from your neighbouring confreres in Toronto.

"Hobbies" for the men in the dental profession have never received their just dues, so at this meeting we will present a few of the diversions from practice in which some of our friends find recreation and pleasure in their leisure hours.

The Canadian Dental Trade Association will present demonstrations and moving pictures of the newer products in dentistry.

The Dental Nurses Alumnae and the Dental Assistants Association will take an active part in our programme.

A complete programme will be prepared for you to choose the clinics you find of particular interest. You may bring your own problems, talk them over with your colleagues, get their ideas and enjoy the good fellowship of the evening.

This meeting has always been largely attended in the past, and to maintain this popularity we are making every effort to provide an attractive and practical display of talent.

THE SCOTCH OF IT

Ye've tolt me a lot aboot vitamin D,
 An hoo it is got frae squash and the pea,
 But gi' me ma porridge along till I dee,
 An, poke all the vitamins intil yer e'e.
 Ye've tolt me far mair aboot diet that's free,
 Frae sugar an' starch; wha's foond in the pee,
 But gi' me ma oat cake an' black Ceylon tea,
 Diabetes or hell, hae nothin' on me.
 Ye've crooned me tae sleep in a baritone key,
 Aboot stasis an' spasms an' some allergy,
 But gi' me ma haggis an' short breed an' see,
 I'll nae be the fool that lies doon tae dee,
 Ye've poonded ma brain, wie muckle fiddle dee,
 Aboot business, an' clinics, an' taxes by gee,
 But gi' me ma bag pipes. an'toon them oop heich,
 An' I'll march throo th' worl' wi' ony o' ye,
 I'm brawly th' niche, guid nicht.

—Jour. A. M. A.



- (1) Anatomical considerations.
- (2) Pathological conditions.
- (3) Diagnosis—the importance of correct radiographic interpretation.
- (4) Consideration of general anaesthesia and its indications.
- (5) The use of conductive anaesthesia in the maxilla.
- (6) The use of conductive anaesthesia in the mandible.
- (7) Technique for the extraction of teeth and difficult roots.
- (8) Technique for impactions.
- (9) Technique for minor oral surgery—cysts and preparation of the mouth for immediate denture service, etc.
- (10) Accidents and how to meet them—Post operative treatments.

Full Dentures—

This course embodies the important theoretical factors in full denture prothesis and the actual construction of dentures for patients.

- (1) Diagnosis and Prognosis.
- (2) Preparation of mouth for dentures.
- (3) Impressions—Different methods and where to use them.
- (4) Bites and Relations—Methods of getting and registering of such.
- (5) Setting up of teeth—How to set up and balance teeth on an articulator.
- (6) Finish of dentures.
- (7) Insertion of dentures—Grind-in and education of patient.
- (8) Adjustments—How to correct and check for troubles that develop.

Partial Denture Prothesis—

Including partial dentures, fixed and removable restorations.

- (a) Removable.
 - (1) Fundamental principles and design, loading, etc.
 - (2) Retention—clasps, etc.
 - (3) Impressions and working models.
 - (4) Construction and maintenance.
 - (5) Articulation and grinding-in of teeth.
- (b) Fixed.
 - (1) General consideration and basic principles.
 - (2) Abutment preparations—types, methods of preparation, instruments.
 - (3) Construction of attachments—inlays, crowns by indirect method—waxing up technique, etc.
 - (4) Pontics and facings.
 - (5) Materials—waxes, investments, gold and other metals. Technique and methods of handling same.
 - (6) Indications for different types of fixed replacements and the co-ordination of occlusion.
 - (7) Cements and review of soldering technique.

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Operative Dentistry—

It is the object of this course to pursue a definite plan of procedure in a study of practical and accepted technique, strictly in the field of Operative Dentistry.

In order that the entire study may be covered, it is necessary that the course be condensed so that only that which is of practical application may be presented.

An outline follows:

- (1) Cavity preparation.
- (2) Instrumentation.
- (3) Pulp reactions.
- (4) Pulp protection.
- (5) Treatment of hypersensitive dentine.
- (6) Sterilization of cavities.
- (7) Cements.
- (8) Silicates.
- (9) Amalgams.
- (10) Gold foil.
- (11) Gold inlays.
- (12) Methods of treatment of different types of cavities.
- (13) Operative dentistry for children.

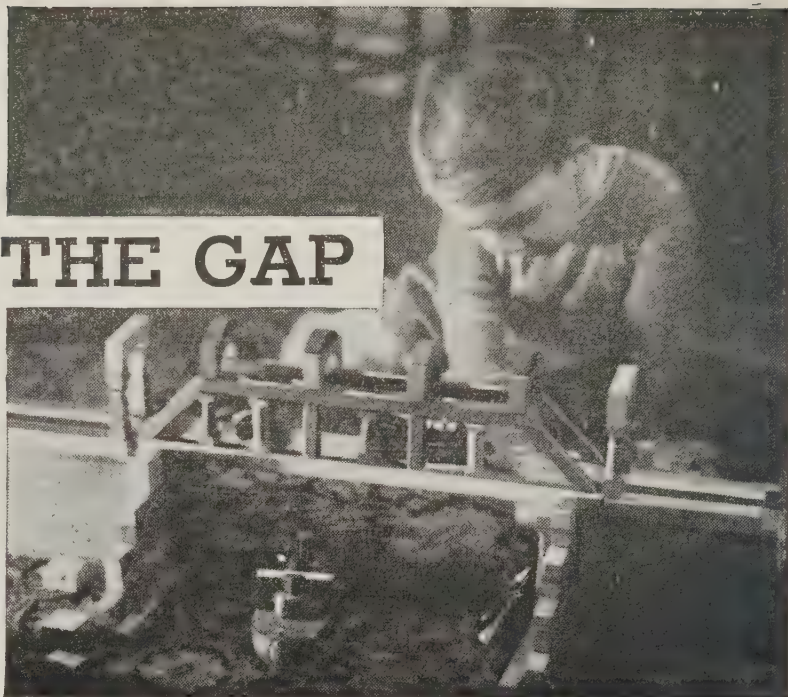
Preventive and Practical Orthodontia—

Outline—

- (1) Privilege and responsibility of dentists for efficiency and aesthetics of dental arches.
- (2) Differentiation between preventive and reparative orthodontics.
- (3) Preventive and reparative treatment—mental and mechanical.
- (4) Biologic factors—Possibilities and limitations of cellular activity.
- (5) Case study showing where either mental or mechanical treatment alone will not suffice.
- (6) Case classification.
- (7) Case background—Study of factors undeterminable by oral diagnosis.
- (8) Appliances—Making of labial, lingual, overbite, anchorage attachments, space and function maintainers.
- (9) Appliances—Adjustments of.
- (10) General consideration and questions.

BRIDGING THE GAP

*with calcium
and vitamins
A and D*



During pregnancy and lactation when increased demand for calcium★ is frequently supplied from the mother's calcium depots—the bones and teeth,—“Calcium A” supplies an easily administered dietary supplement.

★B.M.J., Sept. 26, 1931

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Radiography—

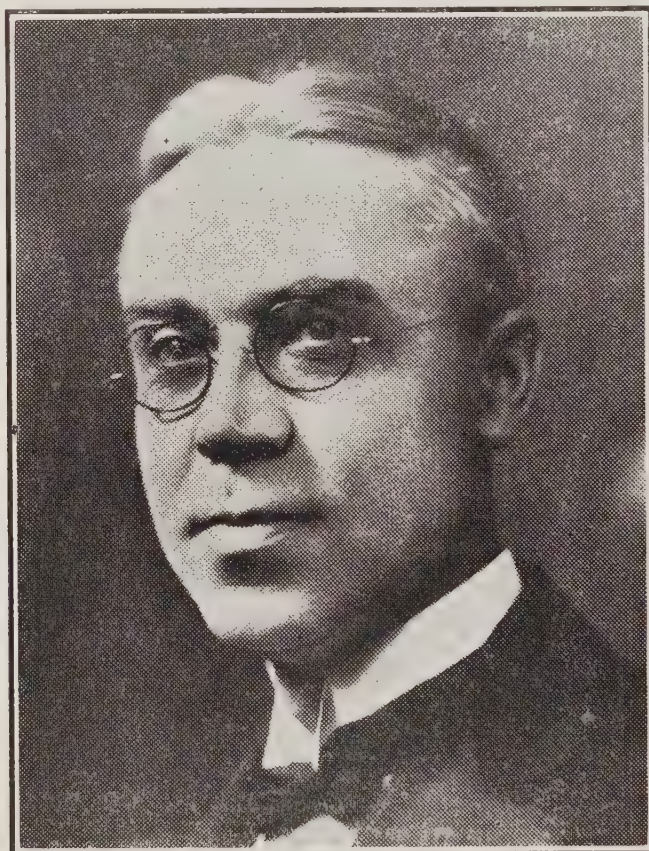
A general course dealing with the technique and interpretation of Dental Radiographs.

Outline—

- (1) Special dental technique.
 - (a) Apparatus—use, maintenance.
 - (b) Films—kinds, exposure, indications, developing.
 - (c) Proper position of chair, patient, operator, film packet.
 - (d) Angles of exposure.
 - (e) Hazards and safeguards.
- (2) Interpretation.
 - (a) Normal Findings.
 - (1) Mininterpretation of normal findings.
 - (2) Radiographic limitations.
 - (b) Abnormal Dentition.
 - (1) Misplaced teeth.
 - (2) Unerupted and impacted teeth.
 - (3) Supernumerary teeth.
 - (c) Diseases of Hard Tissues.
 - (1) Caries.
 - (2) Traumatic injury.
 - (3) Odontomata.
 - (4) Hypercementosed roots.
 - (5) Resorbed roots.
 - (d) Diseases of Dental Pulp and their Sequelae.
 - (1) Pulp nodules and calcification.
 - (2) Periapical infection—acute and chronic.
 - (e) Periodontoclasia.
 - (f) Diseases of the Maxillary and Mandibular Bones.
 - (1) Atrophy.
 - (2) Fractures.
 - (3) Osteitis.
 - (4) Cysts.
 - (5) Osteomyelitis.
 - (6) Tumors.
- (3) Discussion of the radiograph as an aid in:—
 - (1) Root canal fillings.
 - (2) Exodontia.
 - (3) Orthodontia.
 - (4) Oral surgery.
 - (5) Prevention.
 - (6) Checking up on operative technique.

In this year also, the clinic for indigent poor was established, with the desire that dentistry in Toronto should take its part in the care of the city's indigent. With the co-operation of the Toronto Board of Health, the Faculty of Dentistry of the University of Toronto, the Ladies' Auxiliary (which assumed the initial financial responsibility), the Dental Dealers' Association, Mr. Rollaston, of Allen and Rollaston dental laboratory, and a very generous personal financial contribution from one of our Fellows, Dr. Fred Conboy, the Academy set up this clinic, where, on June 31st, 1934, between six and seven hundred indigent patients had received dental service. It is difficult at this time to establish the exact significance of this public health service, and the progress of the clinic will be watched with great interest by the Fellows. The work will be carried on, on the basis of a careful analysis of the many problems involved.

Many other high-lights in the picture of the Academy's life deserve mention, but space does not permit. Every President and executive officer through these eventful years has worked faithfully with hand and head and heart for the advancement of the interests of dentistry and the public weal in this our particular field. As I look back on the unstinted labor of these "faithful servants"—labor that I sometimes fear is not properly appreciated—and beyond that to the uniform spirit of self-sacrifice and devotion that they have demonstrated, these words of Thomas Carlyle come back to me: "Man—'symbol of Eternity imprisoned into Time!' it is not thy works, which are all mortal, infinitely little, and the greatest no greater than the least, but only the spirit thou workest in, that can have worth and continuance."



DR. T. E. C. BUTLER
President 1929-30

BALANCE SHEET—APRIL 30, 1934

Assets

Dominion of Canada Bond 4½% 1 Sept., 1940 (par value \$1000.00)	\$ 987.50
Dominion of Canada Bond 5% 15 Nov., 1940 (par value \$500.00)	506.26
Cash in Bank	947.43
Cash on Hand	24.80
	\$2,465.98

Liabilities

Prepaid Fees	\$ 10.00
Surplus from Previous Year	\$2,450.12
Surplus for Current Year	5.86 2,455.98
	\$2,465.98

STATEMENT OF REVENUE AND EXPENDITURES
TO APRIL 30, 1934

Revenue

Membership Fees	\$1,950.00
Group Study Fees	228.00
Bond Interest	70.00
Bank Interest	11.27
Profit re Dance	54.54
Refunds	13.25

Expenditure

Honoraria to Speakers, Clinicians, etc.	\$ 673.25	
Expenses of Executive Meetings, entertain- ment of Guests, Clinics, etc.	301.20	
Annual Dinner	332.40	
Printing, Stationery and Postage	532.61	
Oral Hygiene Grant	100.00	
Flowers	95.90	
Gratuities	65.00	
Sundry Expenses	140 84	
New Bookkeeping System and Installation....	80.00	
Surplus for Year	5.86	
	\$2,327.06	\$2,327.06

Audited and Approved,
R. S. WOOLLATT,
W. L. HUGILL,
Auditors.



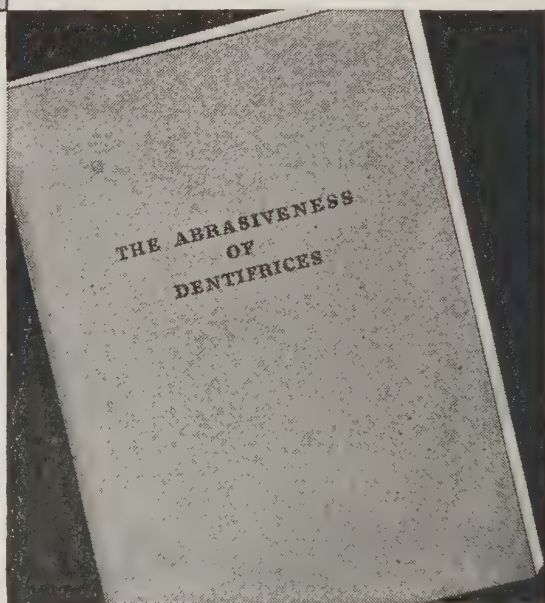
Question:

“Doctor, what is a really SAFE dentifrice to use?”

—and the reply you give must be definite, for it's respected.

Answer:

in this scientific bulletin...
with **PROOF** that
Pepsodent is the
*least abrasive of 15
leading tooth pastes
and tooth powders.*



HUNDREDS of times a year you are asked: “What is a safe dentifrice to use?” To convince you that you can answer “Pepsodent” and be *sure*, we suggest that you read every page of the Scientific Bulletin shown above. This bulletin reveals the relative abrasiveness of the leading tooth pastes and tooth powders. It is the complete published report of an extensive study, recently completed by the Research Laboratories of The Pepsodent Co. The researches definitely and conclusively reveal that Pepsodent is the least abrasive on copper plates. The data of comparative tests between Pepsodent and eighteen leading dentifrices . . . including tooth pastes and tooth powders . . . are recorded. If you have not received a copy of this bulletin, a post card request will bring you one.

THE PEPSODENT CO.

TORONTO, ONTARIO

FOURTH STATED MEETING

Monday, March 18, 1935

MONTREAL NIGHT

On this occasion we welcome to our association a cultured and eloquent speaker in the person of Dr. D. P. Mowry, from our sister Dental Club, in Montreal. Dr. Mowry is one of the leading periodontists of the day, and has a real worth while message. If you have not heard him speak (as only Dr. Mowry can speak) you cannot pass up this opportunity.



DR. D. P. MOWRY

Dept. of Periodontia, McGill University

Subject:—"Some Physiological Aspects of the Supporting Tissues of the Teeth."

In this connection our essayist writes, "The tissues are dependent on many forces for a continued state of health; infection, per se, is the least important insofar as the Dental tissues are concerned. The laws of tissue relationship and the responsibility of the dentist are other factors."

Note:—Appointment of Auditors, and Scrutineers' report on election results at close of this meeting.

Ethical Means of Attracting Patients

1. The greeting of the patient over the telephone or in the reception room with a pleasant manner and voice.
2. The making of definite appointments and keeping them promptly.
3. An apparent and demonstrated efficiency.
4. A thorough examination with special reference to general health.
5. A full discussion of the diagnosis, the outline of treatment and probable prognosis from the patient's viewpoint.
6. The presentation of the best method of treatment or restoration for the consideration of the patient, and any alternative where necessary.
7. The estimate of the probable fee and definite arrangements for payments.
8. The manner of performing the operations in order to make the chair time as short as is consistent with ethical results. That is, well kept and efficient equipment, a definite system of operating, and a proper division of labor between operator and his assistant.
9. The thoroughness in the details of operative technique, such as frequent x-ray check-up, cusp carvings and fine polishing refinements.
10. A definite system of record keeping and rendering of accounts.

Herewith is the complete list of papers and addresses given at stated meetings.

Dr. O. S. Clappison—Cast Gold Inlays.

Mr. Mitchell—The Professional Man and His Money.

Dr. I. E. Furnas (Cleveland)—Full Denture Construction.

Dr. R. M. Box	}	A Review with lantern slides of the Recent Research Work of Dr. H. K. Box.
Dr. C. E. Sutton		
Dr. W. G. Trelford		

Dr. W. Chapelle (Buffalo)—Full Dentures.

Dr. Kurt Thoma (Boston)—Roentgen Rays, Diagnosis and Technique of Minor Surgical Operations.

Rabbi Brickner—The European Situation.

Hon. J. E. Thompson (Speaker of Legislature).

Principal Bruce Taylor of Queen's University—Some European Impressions.

Dr. Carleton Fox (Detroit)—Physical and Dental Diagnosis and Radiography.

Dr. F. S. Weir (New York)—Full Denture Construction.

Dr. Weston A. Price (Cleveland)—The Relation of Calcium Metabolism to the Degenerative Diseases, and another paper, Calcium Metabolism in Health and Disease.



DR. E. C. VEITCH
President 1930-31

Mr. R. Dunbar (Canada Life Assurance Co.).—This address suggested the best manner of managing financial affairs, how to protect an estate, make a satisfactory will, etc.

Sir Robert Falconer, President of the University of Toronto.—The President's address outlined the work of the University and then proceeded to give his views as to what Dentistry could do for the University and what the University could do for Dentistry.

Professor Kenrick—Chemistry in Relation to Dentistry.

Dr. George B. Winter (St. Louis)—Exodontia, especially emphasizing methods of removing the lower third molar.

Dr. Ryckert (Ann Arbor, Michigan)—Root Canal Treatment.

Dr. Fulton Risdon—Oral Surgery.

Dr. A. E. Webster—Oral Hygiene, what we know about it and what to Teach the Public.

Mr. Reginald Williams—Alloying of Dental Metals.

Dr. Percy Howe (Boston)—Diet in Relation to Dental Diseases.

Professor Gilmour (Liverpool)—Public Dental Service in England.

Dr. J. G. Meisser (Cleveland)—Dentistry in Relation to Systemic Diseases.

Dr. J. Sim Wallace (London, England)—Preventive Dentistry in England and our debt to the Dental Profession of America.

Dr. Thomas Cowling—The Structure of Metals.

Dr. A. E. Webster—Factors which Influence the Longevity of the Human Denture.



DR. E. A. GRANT
President 1933-34

Dr. L. F. Krueger—The Amalgam Filling.

Dr. E. C. Kirk (Philadelphia)—The Mutations of the Mandible in Relation to Prothesis.

Judge H. S. Mott—The Juvenile Court.

Dr. Felix French (Ottawa)—Basic Principles Underlying Various Steps in Full Denture Construction.

Dr. A. D. A. Mason—Double Diagnosis.

Dr. R. Gordon McLean—Business Principles in Dental Practice.

Dr. W. J. Hill—Orthodontia for the General Practitioner.

Dr. C. A. Snell—Some Problems of Interest in the Treatment of Periclasia.

Dr. Frederick B. Noyes (Dean of College of Dentistry, University of Illinois.)

Dr. A. C. Nichols (Rochester, Minnesota)—Dental Focal Infection and Its Relation to Disease.

Dr. C. O. Simpson (St. Louis)—Radiography.

Dr. W. W. Cavers (Buffalo)—Dental Economics.

Dr. Ryckert (Ann Arbor)—Root Canal Therapy.

Dean Seccombe—Dentistry, Where and Whither?

Dr. O. S. Clappison—Business Phases of Dental Economics.

Dr. F. J. Conboy—Personality and How to Develop It.

Dr. Hugh MacMillan (Cinn.).

Dr. W. H. Holman—Bacteria in Relation to our Bodies.

Dr. Pollia (California)—Radiographic Interpretation.

Dr. W. C. McBride (Detroit)—Dentistry for Children.

Dr. G. B. Nero (Roch., Minn.)—Diseases of the Mouth.

Dr. F. N. Doubleday (London, Eng.)—Diagnosis of Different Types of Pyorrhea.

Dr. Oskar Klotz—Some Points in Medical Investigation.

Dr. LeRoy M. Ennis—Interpretation of the Radiograph.

Dr. R. W. Bunting (Ann Arbor)—Control of Dental Caries by Diet.

Dr. Chas. Bodecker (New York)—Cause of Dental Caries, Local or Environmental.

Dr. R. Gordon Agnew—Dental and Medical Education in China and A Research Trip to the Tibetan Border.

Dr. P. M. Kyprie (Detroit)—Inlay Casting Technique.

Dr. Paul O'Leary (Chief of the Department of Syphilology at the Mayo Clinic, Rochester, Minn.)—"Syphilis."

Dr. Boyd S. Gardner (Mayo Clinic, Roch., Minn.)—Relation of Medicine and Dentistry.

Dr. Norman Denner (Cleveland)—The Possibilities of Dentistry.

Dr. Thaddeus P. Hyatt (N. Y.)—Preventive Dentistry by means of Prophylactic Odontotomy.

Dr. Henry Thomson—Preventive Dentistry through Educational Means.

Dr. Weston A. Price (Cleveland)—A New Theory for the Phenomena of Dental Caries.

Dr. Frank Lott—A New and Simplified Classification for Partial Dentures.

Dr. I. H. Ante—Partial Denture Attachments.

Dr. F. Blaine Rhobotham (Chicago)—Everyday Problems in the Practice of Children's Dentistry.

Dr. Chas. McLean
Dr. C. A. Snell
Dr. C. H. M. Williams } Symposium on Preventive Dentistry
and Phophylaxis.

Dr. E. T. Bourke (Montreal)—Some of Our Full Denture Problems.

Dr. J. C. Flanagan (Montreal)—The Closing Bite. Its Cause, Results, and A Simplified Remedy.

Dr. T. E. C. Butler—A Study in Patient—Psychology.

Dr. J. A. Bothwell—High Idealism in Dentistry.

Dr. Clyde H. Schuyler (New York)—The Selection and Modification of Posterior Teeth to Suit the Need of the Individual Case.

Dr. C. J. Hallister, (Director of Dental Service, State of Pennsylvania)—Oral Hygiene.

His Honor the Lieutenant-governor, Dr. Herbert A. Bruce—History of Dentistry.

Dr. C. H. M. Williams } A Report of the Findings of the re-
Dr. P. G. Anderson } search programme carried on in
Orphanages and Industrial Homes under the Dept. of Pediatrics,
University of Toronto.

Dr. James Coupland (Ottawa)—Radiographic Interpretation and Diagnosis.

Dr. Dohan (Montreal)—The Electrical Deposition of Metals.

Dr. Eric Saunders (Montreal)—Future Anaesthesia in Dentistry.

Mr. Hugh Wolfenden—Health Insurance and State Dentistry.

Dr. W. Chapelle (Buffalo)—Problems in Denture Construction and How to Meet Them.

The following Fellows of the Academy have presented Clinics.

Doctors J. A. Bothwell, I. H. Ante, F. C. Husband, A. D. A. Mason, W. E. Cummer, B. O. Fife, C. E. Pearson, C. A. Snell, G. V. Fisk, W. L. Chalmers, A. S. Thomson, R. M. Box, H. S. Thomson, O. S. Clappison, R. S. Woollatt, B. R. Gardiner, Harold Clark, A. J. McDonagh, L. F. Krueger, G. V. Morton, Gerald Smith, E. C. Veitch, R. D. Thornton, M. A. Ross Thomas, J. M. Sheldon, F. Martin, W. J. Kerr, W. B. Amy, F. Jarman, Frank Lott, C. R. O'Brien, R. Gordon Agnew, H. A. Ross, R. J. Godfrey, T. N. Scott, J. W. Armstrong, Chas. McLean, C. H. M. Williams, P. G. Anderson, J. M. Shultis, L. E. Kay, H. Mercer, T. R. Marshall, T. L. Marsh, H. Halderson, W. L. Hugill, W. R. Hendry, H. W. Hoag, R. W. Hoffman, E. G. Hargreaves, D. E. Staton, R. R. Butler, and Helen Manchester. Other Fellows may have participated in group clinics, whose names were not recorded in our minutes.

During the Academy's life-time there have been held:

123 executive meetings.

64 stated meetings.

3 general meetings.

12 special meetings, and

79 study groups have been carried through.

(If these study sections averaged a membership of ten to twelve, it will be seen that over 800 of our Fellows have taken intensive study courses.)

The following Fellows have composed the Executive Councils of the Academy:

1922-23—President, Dr. R. G. McLean; President-elect, Dr. J. A. Bothwell; Secretary, Dr. A. M. Hord; Treasurer, Dr. W. E. Willmott; Council of Four, Dr. H. H. Armstrong, Dr. H. G. Bean, Dr. C. E. Brooks, Dr. A. Day

1923-24—Past-Pres., Dr. R. G. McLean; Pres., Dr. J. A. Bothwell; Pres.-Elect, Dr. A. Day; Sec'y, Dr. A. M. Hord; Treas., Dr. W. E. Willmott; Councillors, Dr. G. V. Fisk, Dr. R. S. Woollatt, Dr. A. S. Thomson, Dr. W. G. L. Spaulding.

1924-25—Past-Pres., Dr. J. A. Bothwell; Pres., Dr. A. Day; Pres.-Elect, Dr. W. G. L. Spaulding; Sec'y, Dr. S. S. Crouch; Treas., Dr. W. E. Willmott; Councillors, Dr. R. S. Woollatt, Dr. G. V. Fisk; Dr. A. S. Thomson, Dr. F. Risdon.

1925-26—Past-Pres., Dr. A. Day; Pres., Dr. W. G. L. Spaulding; Pres.-Elect, Dr. H. G. Robb; Sec'y, Dr. S. S. Crouch; Treas., Dr. R. S. Woollatt; Councillors, Dr. A. S. Thomson; Dr. F. Risdon, Dr. G. V. Fisk, Dr. H. A. Ross.

1926-27—Past-Pres., Dr. W. G. L. Spaulding; Pres., Dr. H. G. Robb; Pres.-Elect, Dr. R. S. Woollatt; Sec'y., Dr. S. S. Crouch; Treas., Dr. H. H. Cummer; Councillors, Dr. F. Risdon, Dr. H. Clark, Dr. G. V. Fisk, Dr. W. A. Black.

1927-28—Past-Pres., Dr. H. G. Robb; Pres., Dr. R. S. Woollatt; Pres.-Elect, Dr. W. B. T. Amy; Sec'y, Dr. A. M. Hord; Treas., Dr. T. E. C. Butler Councillors, Dr. E. C. Veitch, Dr. J. W. McDonald, Dr. G. S. Frawley, Dr. F. E. Risdon, Dr. K. R. Harris.

1928-29—Past-Pres., Dr. R. S. Woollatt; Pres., Dr. W. B. T. Amy; Pres.-Elect, Dr. T. E. C. Butler; Sec'y Dr. J. W. McDonald; Treas., Dr. T. R. Marshall; Councillors, Dr. O. S. Clappison, Dr. G. L. Frawley, Dr. E. J. Lehman, Dr. E. C. Veitch, Dr. A. S. Holmes.

1929-30—Past-Pres., Dr. W. B. Amy; Pres., Dr. T. E. C. Butler; Pres.-Elect, Dr. E. C. Veitch; Sec'y, Dr. J. W., McDonald; Treas., Dr. T. R. Marshall; Councillors, Dr. L. F. Krueger, Dr. O. S. Clappison, Dr. T. H. Graham, Dr. E. J. Lehman, Dr. H. K. Davey.

1930-31—Past-Pres., Dr. T. E. C. Butler; Pres., Dr. E. C. Veitch; Pres.-Elect, Dr. J. W. McDonald; Sec'y, Dr. T. R. Marshall; Treas., Dr. T. H. Graham; Councillors, Dr. L. F. Krueger, Dr. Chas. McLean, Dr. W. L. Hugill, Dr. G. Sirrs, Dr. F. O. H. Murta.

1931-32—Past-Pres., Dr. E. C. Veitch; Pres., Dr. J. W. McDonald; Pres.-Elect, Dr. T. R. Marshall; Sec'y, Dr. Chas. McLean; Treas., Dr. W. L. Hugill; Councillors, Dr. J. S. Lapp, Dr. Frank Martin, Dr. W. F. Armstrong, Dr. G. Sirrs, Dr. N. A. McLeod.

1932-33—Past-Pres., Dr. J. W. McDonald; Pres., Dr. T. R. Marshall; Pres.-Elect, Dr. E. A. Grant; Sec'y, Dr. F. Martin; Treas., Dr. W. J. Kerr; Councillors, Dr. J. S. Lapp, Dr. Chas. McLean, Dr. J. B. Greer, Dr. K. R. Harris.

1933-34—Past-Pres., Dr. T. R. Marshall; Pres., Dr. E. A. Grant; Pres.-Elect, Dr. Frank Martin; Sec'y, Dr. W. J. Kerr; Treas., Dr. W. F. Armstrong; Councillors, Dr. J. S. Lapp, Dr. H. W. Reid, Dr. S. S. Crouch, Dr. M. L. Laidlaw, Dr. K. R. Harris.

TAKING THE BITE IN AN EDENTULOUS MOUTH

Always use a rigid base material, such as shellac base-plate or even vulcanite, wherever possible.

1. Build upper bite rim to approximately one-sixteenth of an inch lower than the upper lip, at rest.

2. Build lower bite rim to the level of the lower lip at rest.

3. For the anterior incisal plane, parallel the bite wax to an imaginary line drawn through the pupils of the eyes. For the antro posterior plane, parallel to an imaginary line drawn from the tragus of the ear to the ala of the nose.

4. Parallel lower bite rim to the upper.

5. Have patient close jaws and note position of lips. At this stage, either build out or cut down for facial expression.

6. If lips are strained, then bite must be closed. This is done by shaving equal thicknesses of wax from both upper and lower bite planes.

7. Then cut off from each bite rim approximately one-sixteenth of an inch to allow for working space. This prevents the finished dentures from rattling, permits easy speech and allows patients to accustom themselves to the dentures very readily.

Finally, have patient close jaws in proper central relation, purposely neglecting to use the word bite at any time—the correct relationship may be checked by the simultaneous swelling of the temporal muscles as the patient uses pressure, mark median line, be sure that only one thin line is marked; high lip line is secured by requesting patient to raise upper lip and at the same time touching lips with a knife edge which will cause the patient to raise lip to its highest extent; mark at this point.

The same can be done on the lower bite wax, using the same tactics. The corners of the mouth are marked when patient's lips are in repose. This marks the distal angles of the cuspids and so aids in the selection of the teeth.

In order to facilitate setting of teeth an additional point may be suggested.

As the continuation of step No. 4, the patient may be asked to slide the lower jaw laterally and forward. Both bite rims may then be shaved so that they are in absolute contact in every position. This will automatically give the proper inclination of the curve of spee and also the lateral curve which, if followed in the setting of the teeth, will produce a fairly good anatomical set up without the use of the face bow and anatomical articulators.

DIETETICS

Two preliminary lectures in this group were given late last spring to 14 members. If sufficient other Fellows of the Academy are interested in this study another group will be organized. As lectures will begin early in October please signify your intention of taking this course as early as possible.

Lecture 1—

Introductory—The relation of the subject to the treatment of Dental diseases and the prevention of them; outline of the lecture series.

T. L. Marsh, D.D.S.

Lecture 2—

Carbohydrates—The pros and cons of high carbohydrate diets.
Miss M. Aitkens, B.A., Dietician at St. Michael's Hospital.

Lecture 3—

Proteins—What they are and their function in the growth and repair of tissue.

T. L. Marsh, D.D.S.

Lecture 4—

Fats and calories—The role of fat in diet. Caloric values, its uses and limitations as a measure of dietary sufficiency.

T. L. Marsh, D.D.S.

Lecture 5—

Incompatibility of foods—The scientific background and the practical value of the Incompatibility of Foods theory.

Dr. A. C. Willard, A.M. (Ill.), S.M., Ph.D. Chic.,
Asst. Professor of Household Science, U. of T.

Lecture 6—

Inorganic or mineral requirements—What they are and what their functions are.

T. L. Marsh, D.D.S.

Lecture 7—

Calcium and Phosphorous—The problem of supplying adequate calcium and phosphorous in natural diets.

Dr. M. A. Collins, Ph.D. Ames,
Head of research division of the Canada Dairies, Ltd.

Lecture 8—

The acid-base balance—What it is and how it is related to the daily diet.

Miss D. F. J. Berry, M.A., in dietetics, U. of T.

Lecture 9—

Vitamins—Moving pictures of the manufacture, control and experimental background of vitamin products and films, showing mineralization in clinical cases.

Courtesy of the Mead Johnson & Co., of Canada, Ltd.

Lecture 10—

Vitamins—The place of vitamin therapy in general practice.

Dr. Hagar Hethrington, B.A., M.D. (Tor.), M.R.C.P., London.

Lecture 11—

Summary—Review of the salient features of the above lectures. Discussion of practical methods of applying the knowledge gained of dietetic principals by the general practitioner.

T. L. Marsh, D.D.S.

N.B.—The above outline will be adhered to as far as possible, but privilege is reserved of substituting other lecturers than those named above or of eliminating any of the lectures.

ORAL DIAGNOSIS

This group was organized last year and covered the subjects Embryology, Histology, and Blood Chemistry. The same members are continuing this year, so this group is necessarily filled, but if sufficient members are interested another group will be organized along similar lines.

Each subject is divided into twelve divisions and each member is allotted his division on which he writes a five minute paper. At a meeting of the group each of these papers are read and any questions answered. At a meeting the following week a recognized authority (usually the professor in this subject at Toronto University) gives a resume of the subject and answers any questions.

The first subject for this group this fall is **Assimilation**.

Assimilation of—

- (1) Carbohydrates.
- (2) Proteins.
- (3) Amino-Acids.
- (4) Fats.
- (5) Lipoids—Cholesterin—Lecithin, etc.
- (6) Water.
- (7) Iron—Copper, etc.
- (8) Calcium.
- (9) Phosphorus.
- (10) Sodium.
- (11) Potassium and Magnesium.
- (12) Pigments, e.g., Carotene.

The Speaker for the first meeting in October will be Professor H. Wasteneys, Ph.D., Col., F.R.S.C., professor of Bio-Chemistry at Toronto University.

PUBLIC SPEAKING

This special course was inaugurated last year and sixteen fellows availed themselves of the opportunity to become more proficient in the art of public speaking. The majority of these men are enthusiastic in their request that this course be again included in this year's program. The course this year will be thoroughly practical and adapted to the needs of the dentist.

Outline—

To speak with confidence; with poise; with clearness; with force.

To address yourself to your patients with intelligence, directness, frankness and acceptance.

To construct talks that are interesting; that are impressive; that are convincing; that are stimulating.

To use methods that are popular; that are practical; that are fundamental.

To acquire command of yourself; of your vocabulary, in short, to think as you speak.

Note—

As membership in this group must necessarily be limited, allotment will be made in the order in which applications are received.

MONTREAL FALL CLINIC

Are you attending the Montreal Fall Clinic? A very interesting meeting will be held at the Mount Royal Hotel, Montreal, on October 18, 19 and 20. The following clinicians will take part:

Dr. Bruce E. Clark, Uniontown, Pa.

“All Phases of Porcelain Work.”

Dr. M. M. Devan, Philadelphia, Pa.,

“Prosthetic Dentistry.” (Immediate Dentures and Mouth Reconstruction).

Dr. James Coupland, Ottawa, Ont.

“Dental Radiography.”

Dr. C. J. Barborka, Chicago, Ill.

“Present Conception of the Relation of Diet to Health and Disease.”

A number of Toronto dentists usually attend this Convention. Convention fee to Ontario guests, \$7.00, including 2 luncheons. Special railway fare and accommodation will be arranged if enough desire to go. Special rates at Hotel Mount Royal have been arranged; \$5.00 two in a room, or \$3.00 for single room.

Those wishing to join the party 'phone Dr. Frank Cole at Kingsdale 1844, not later than October 10th.

This year we had hoped to be able to make a dental survey of all secondary school pupils. The information that a survey of this magnitude would have disclosed would be of great value to the profession, and also to the parents of the students involved. After a good deal of time and effort had been spent in trying to arrange for this work, we were forced to abandon the project, on account of the necessary authorization not being forthcoming.

When our efforts in this direction were blocked, talks were arranged, suitable to the various age groups in secondary schools. Up to the present these talks have not been given, but arrangements have been made and they will be proceeded with shortly. In this way, about ten thousand students will be contacted.

The Chairman, Dr. Guest, delivered a series of six lectures to the Central Training School for nurses.

Articles were published each Saturday, over a period of ten weeks, in the Saturday evening papers, giving important dental information to parents about the pre-school child. These articles are published in collaboration with the joint committee on the pre-school child of the Child Welfare Council of Toronto. They appear on the Women's Page, and have received much favourable comment. There are many organizations who use this column for educational work among parents, and we have been very fortunate in having had space made available to us for so many weeks.

FINANCIAL REPORT

We began the year with a deficit of one dollar and eighty-five cents from the previous year. The Academy Council made a grant of one hundred dollars to the Committee. To date we have made an expenditure of one hundred and four dollars and ninety-two cents.

The expenditures are as follows:

L. J. Black	\$ 5.00
D. Edgar Hanson	5.00
H. Penryce	3.00
Dr. J. G. Pilkey—For the American Dental Association Journal	3.50
Dr. H. R. Skilling—Covering overdraft	2.00
Dr. J. C. Livett—For certificate frames	3.75
Rolph-Clark-Stone	26.50
G. A. Davis Printing Co.	10.07
Robert Simpson Co.	17.60
Hart House	28.50

TOTAL EXPENDITURES\$104.92

MEMORANDUM

MEMORANDUM

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